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## Patent Abstracts of Japan

PUBLICATION NUMBER : 11240242  
PUBLICATION DATE : 07-09-99

APPLICATION DATE : 25-02-98  
APPLICATION NUMBER : 10043813

APPLICANT : OJI PAPER CO LTD;

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INT.CL. : B41M 5/00

TITLE : INK JET RECORDING SHEET

ABSTRACT : PROBLEM TO BE SOLVED: To provide an ink jet recording sheet for obtaining an image of a high minuteness with high water resistance and ink fixability as well as a high image density even on a sheet having an ink acceptive layer containing a low-cost pigment as a main component by obtaining an image of a high quality level by using an aqueous ink jet type printer.

SOLUTION: The ink jet recording sheet comprises an ink receptive layer provided on a support. In this case, the layer mainly contains aluminosilicate fine particles, a pigment, and a binder. And, the fine particles are cationic and are obtained by mixture hydrolyzing an alkoxide silicate and an aluminum alkoxide. And, its mean particle size of 5 nm to 1  $\mu$ m contains 0.5 to 20 wt.%.

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